

ABSTRACT OF THE DISCLOSURE

A femur endoprosthesis for an artificial hip joint is provided with a shell (1') which can be implanted without cement in the upper region of a femur below the greater trochanter. The proximal end (8') of the shell is connectable with an adapter (2') for accommodating an artificial spherical part of a joint (20'). The exterior of the shell is at least partially covered with an open-meshed three-dimensional spatial lattice structure (9'). A distal end of the shell is bent caudally and constructed as a stem end (30'), which is also at least partially covered with an open-meshed three-dimensional spatial lattice structure (9').

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A femur endoprosthesis for an artificial hip joint is provided with a stem
(1) which can be implanted without cement in the upper region of a femur below the
5 greater trochanter. The proximal end (8) of the stem is connectable with an adapter (2)
for accommodating an artificial spherical part of a joint (20). The exterior of the stem
is at least partially covered with an open-meshed three-dimensional spatial lattice
structure (9). A distal end of the stem is bent caudally with a caudally oriented step
(31) in the transition area and constructed as a stem end (30), which is also at least
10 partially covered with an open-meshed three-dimensional spatial lattice structure (9).